

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

-1-(Currently Amended)

A porous structured aluminosilicate composition which comprises:

a framework of linked tetrahedral SiO_4 and AlO_4 units, the framework defining pores, having 0.1 to 10% by weight carbon in the framework pores and having an Si to Al molar ratio of between about 1000 to 1 and 1 to 1, and having at least one X-ray diffraction peak corresponding to a basal spacing between about 2 and 100 nm, and wherein the composition retains at least 50% of an initial framework pore volume after exposure to 20 volume % steam at 800°C for two hours.

-2-(Currently Amended)

A porous structured aluminosilicate composition which comprises:

a framework of linked SiO_4 and AlO_4 units, the framework defining pores, having 0.1 to 10% by weight carbon in the framework pores and having a Si to Al molar ratio of about 1000 to 1 and 1 to 1, and having at least one X-ray diffraction peak between 2 and 100 nm, and wherein the composition retains at least 75% of an initial framework pore volume after exposure to 20 volume percent steam at 600°C for four hours.

-3-(Original)

The composition of Claims 1 or 2 assembled from preformed zeolite seeds.

Claims 4-26 (cancelled)

-27-(Original)

5 A hybrid porous aluminosilicate - carbon
composition which comprises: a framework of linked
tetrahedral SiO_4 and AlO_4 units, the framework defining
mesopores having an Si to Al molar ratio of between about
1000 to 1 and 1 to 1 and between 0.01 and 10 wt% carbon
embedded in the mesopores, and having at least one X-ray
diffraction peak corresponding to a basal spacing between
about 2.0 and 100 nm, wherein a BET surface area is
between 200 and 1400 m^2 per gram, wherein an average pore
10 size of the framework is between about 1.0 and 100 nm,
and wherein a pore volume of the framework is between
about 0.1 and 3.5 cm^3 per gram, and which retains at least
50% of an initial framework pore volume after exposure to
20 volume % steam at 800°C for two hours.

-28-(Original)

The composition of Claim 27 wherein the
framework has a structure which is hexagonal, cubic,
lamellar, wormhole, or cellular foam.

Claims 29-47 (Cancelled)